

ONE RING NETWORKS FIXED WIRELESS

INSTALLATION GUIDE

One Ring Networks is a leading provider of fixed wireless broadband. Since 2005, we have built a comprehensive network across Georgia and Texas, serving businesses of all sizes and the communities that rely on them. Our systematic approach to wireless communications continues to satisfy the growing demand for high-speed bandwidth.

Due to the lack of equipment required to deploy fixed wireless, we are able to install our solution much faster than traditional wired alternatives. In addition, the dedicated and scalable service is supported by our expert technicians and around-the-clock customer service team.



PRE-INSTALLATION DETAILS

Prior to scheduling an installation appointment, One Ring Networks may require a brief site visit to assess the scope of work and confirm a clear line of sight from your building's roof to our nearest Point of Presence (PoP). This site survey will allow us to measure the signal strength and determine which equipment is best suited for your location and needs. At this time, we can also work closely with property managers to explain our installation process.

ON-SITE EQUIPMENT

One Ring Networks installs a transceiver, an antenna, an Ethernet cable and a powered jack. The transceiver is an outdoor unit (ODU) and goes on the roof with One Ring Networks' antenna. Data is transmitted from an antenna located at our nearest Point of Presence (PoP), via high frequency microwave technology, to the ODU at your location. This then runs through the powered Ethernet cable into the Power over Ethernet (PoE) supply installed in your building's data room.

INSTALLATION TYPE

NON-PENETRATING ROOF MOUNT

We utilize a non-penetrating roof mount to install our equipment. Whenever possible, One Ring Networks conceals the antenna from street view. In addition, we cooperate with property management to ensure that the installation is approved and fits the building aesthetics.

Typically, One Ring Networks uses a freestanding roof mount by building a 3' x 3' base that is secured by concrete cinder blocks, weighing 40lbs each. This secures the mount in a stable position without damaging the roof.

CABLE ENTRY

One Ring Networks runs cable from the rooftop installation via existing penetrations to the PoE supply located in your data room. The installation will NOT penetrate the roof. In rare situations where these paths are not available, the customer may provide alternative access such as an existing conduit or plenum. In these circumstances, we will work closely with property management to aid the process.

The PoE supply must be plugged into a standard 110V AC power source. The power needed is roughly equivalent to the amount required to power a light bulb.



SCHEDULING YOUR INSTALLATION APPOINTMENT

After a Rooftop Access Form has been completed by you or your building manager, a member of the One Ring Networks operations team will call to schedule the installation. During this call, we'll have several questions to address:

- Who will be the primary on-site contact for the technician?
- On what floor is your data closet located?
- What type of roof do you have?
- What is the access to the roof? Do you have the key to access the rooftop?

If you are unsure of the answer to some of these questions or require permission from the property manager to confirm details, we can work alongside them to make sure everything is in order before confirming the installation appointment.

In certain circumstances, a customer may require additional hardware or customizations. Adaptations that may incur additional fees include, but are not limited to, the following:

- Excessive amount of conduit required
- Implementation of utility poles
- Repeat visits

A One Ring Networks technician will arrive on site at the scheduled time. You, or the site contact, must be present at the start of the installation to provide roof access. Upon completion of the installation and successful testing, we will require your signature as confirmation.

CONTACT OUR SUPPORT TEAM TODAY



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